The AT350 F1 is a dual-socket rack-mountable tower server that delivers exceptional performance, availability, expansion capability, and flexibility. This ultra-dense tower server is a power-efficient solution for medium-sized enterprise operations, including departments and branch offices.

Uninterrupted, solid computing

The AT350 F1 delivers 6-core performance with the latest Intel® Xeon® processors along with DDR3 memory for high-speed, memory-intensive and multi-threaded operations. What's more, 1+1 redundant gold-level PSUs and redundant, hot-pluggable system fans secure your system uptime for increased productivity.

Superior flexibility for your growing business

Hot-pluggable HDDs, PCIe® 2.0 expansion slots including Acer Flex I/O, and up to 18 DIMM slots with Mirroring and Lock-step modes allow scale-up business flexibility. This server also features TPM v1.2-compliant (optional) data protection complemented by a built-in 6-channel SATA HDD with software RAID 0, 1, 5, or 10 for dependable data security, while Intel® Trusted Execution Technology blocks virtual machine hacking.

Proactive management for seamless multitasking

This server offers easy-to-use management utilities: Acer Smart Setup for rapid system configuration, Acer Server Manager for collaborative data administration, and Acer Server Console for system health monitoring, alert notification, and KVM-over-IP remote management.

Manageable serviceability, energy-saving operation

The tool-less chassis design of the AT350 F1 makes component access effortless, reducing maintenance and service costs. To top it off, this tower server boasts 80 PLUS® power efficiency for eco-consciousness.

AT350 F1

AT350 F1 SPECIFICATIONS

Mainboard	**Processor type**	2 x Intel® Xeon® processors 5600 series
	Chipset	Intel® 5520 chipset
	Graphics	BMC embedded • 16 MB video memory
	Memory[1]	18 x registered or unbuffered memory DIMMs with Mirroring and Lock-step modes Registered DIMM size: 1/2/4/8/16[2] GB • Up to 192 GB registered DDR3 1333/1066 DIMMs when fully populated, 12 slots Unbuffered DIMM size: 1/2/4 GB • Up to 48 GB unbuffered DDR3 1333/1066 DIMMs when fully populated, 12 slots
	Expansion slots	• 2 x PCIe® 2.0 x8 (in x16 connector) • 2 x PCIe® 2.0 x4 (in x8 connector) PCIe® 1.0 x4 (in x8 connector) Acer Flex I/O x8 slot
	Onboard ports	Front: • 2 x USB 2.0 ports Rear: • 2 x PS/2 ports (keyboard and mouse) • 4 x USB 2.0 ports • 2 x Gigabit LAN ports (RJ-45) • Management port (RJ-45) • Serial port • Video port
	RAID[3]	Integrated Intel® ICH10R Serial ATA host controller (6 x 3 Gb/s SATA ports) with RAID 0, 1, 5, 10 support[4]
	SAS	Optional 16- / 8- / 4-port SAS RAID card
	LAN controller	Dual-port Intel® 82576EB Gigabit Ethernet controller
Security and service features		HDD mechanical lock Chassis intrusion alert Administrator/user password Power-on password Setup password Device boot control Optional TPM (v1.2-compliant)
Sub-system availability	**Power supply**	2 x 720 W 80 PLUS® Gold-level easy-swap power supply units (1+1 redundant)
	System cooling	2 x CPU heat sinks, supporting Intel® Xeon® processors with TDP up to 95 W 2 x rear system fans with PWM control (1+1 redundant, hot-pluggable) 3 x middle system fans with PWM control (2+1 redundant, hot-pluggable)
	Storage	• Up 8 x 3.5" SATA or SAS HDDs • Up to 16 x 2.5" SATA or SAS HDDs
Chassis	**Form factor**	Tower 4U rack-mountable
	Removable media bays	Up to 3 x 5.25" SATA DVD-ROM / DVD-Super Multi
	Dimensions	434 (W) x 648 (D) x 178 (H) mm (17.2 x 25.5 x 7 inches) with bezel
	Weight	28.5 kg (62.81 lbs.)
OS support		Windows Server® 2008 Windows Server® 2008 R2 Windows Server® 2003 Red Hat® Enterprise Linux® 5.4 Novell® SUSE® Linux® Enterprise Server 11 VMware ESXi™ 4 VMware ESX™ 4 Citrix® Xen server 5.6
Server management utilities and applications		Acer Smart Setup Acer Smart Console Acer Smart Server Manager iBMC management controller, supporting base board management and KVM-over-IP
Warranty	3-year standard warranty or choose extended warranties and services[5]	
Regulatory compliance	**Emissions classification (EMC)**	FCC (Class A) CE BSMI (Class A)
	Industry standard	UL/cUL CB

1. Mixed use of registered memory and unbuffered ECC memory not supported.
2. 8 GB and 16 GB memory availability may vary by region.
3. Onboard SATA software RAID cannot be enabled when add-on SAS RAID is enabled. Integrated Serial ATA RAID supports different RAID levels and different operating systems: RAID 0, 1, 5, 10 support for Windows® and RAID 0, 1, 10 support for Linux® only.
4. Onboard RAID support varies by RAID type. Intel® onboard RAID supports RAID 0, 1, 5, 10 for Windows® OS. Adaptec onboard RAID supports RAID 0, 1, 10 for Red Hat® and SUSE® Linux® OS.
5. Extension warranty services may vary by country. Please contact Acer authorized resellers for more information.

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